



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025-1855

March 21, 2007

Project No. AC0125

Mr. James Thompson
Allegheny County Health Department
Bureau of Air Pollution Control
301 39th Street
Pittsburgh, Pennsylvania 15201

RECEIVED

March 22 2007

Air Protection Division (3AP12)

RE: Semi-Annual Report as Required by 40 CFR, Part 61, §61.138 of Subpart L and 40 CFR, Part 61, §61.247 of Subpart V for the Reporting Period of July 2006 through December 2006

Dear Mr. Thompson:

This report is being sent to the Department as a statement that the U.S. Steel Corporation, Clairton Works has fulfilled all provisions of 40 Code of Federal Regulations (CFR), Part 61, Subparts L and V for the reporting period of July 2006 through December 2006. The report has been prepared to meet the reporting requirements of 40 CFR, Part 61, §61.138 and 40 CFR, Part 61, §61.247.

Monthly audits of equipment in benzene service as defined in 40 CFR, Part 61, Subpart L and V have been conducted in accordance with Environmental Protection Agency (EPA) Reference Method 21, "Determination of Volatile Organic Compound Leaks." Results of these monitoring events, including total components monitored and total leaking components identified, can be found in Table 1. No leaks to any of the components were left un-repaired, and all leaks were fixed in the mandated 5/15 day period. Clairton Works does not have any valves subject to the alternative standards of 61-243-1 or 61-243-2.

An audit of gas blanketing vessels was conducted on September 28, 2006. No leaking components were discovered in the blanketing system during the monitoring event. Eleven (11) abnormalities (open hatches) were found and corrected in the blanketing system.

No changes have been made to the system since the last reporting period.

If you should have any questions or comments, please call me at your convenience at (412) 233-1015.

Sincerely,

Coleen M. Davis
Senior Environmental Control Engineer

cc: Jim Hagedorn—USEPA Region III

Table 1. Summary of Total Equipment Monitored and Leaks Detected, Equipment in Benzene Service, July 2006 through December 2006, USS Clairton Works, Clairton, Pennsylvania

Monitoring Dates		Jul	Aug.	Sept.	Oct.	Nov.	Dec.
		11 th and 12 th	24 th	22 nd and 28 th	10 th	13 th	21 st and 22 nd
Valves	Components Monitored	2062	0	0	121	0	2062
	Leaks Detected	2	0	0	0	0	0
	Components Not Repaired in 5/15 Period	0	0	0	0	0	0
	Components Requiring Delay of Repair	0	0	0	0	0	0
Pumps	Components Monitored	18	18	18	18	18	18
	Leaks Detected	0	0	0	0	0	0
	Components Not Repaired in 5/15 Period	0	0	0	0	0	0
	Components Requiring Delay of Repair	0	0	0	0	0	0
Exhausters	Components Monitored	34	0	0	0	0	34
	Leaks Detected	0	0	0	0	0	0
	Components Not Repaired in 5/15 Period	0	0	0	0	0	0
	Components Requiring Delay of Repair	0	0	0	0	0	0